

From glowbugs@theporch.com Fri Oct 18 11:23:13 1996  
Return-Path: <glowbugs@theporch.com>  
Received: from uro (localhost.theporch.com [127.0.0.1]) by uro.theporch.com  
(8.8.0/AUX-3.1.1) with SMTP id LAA19831; Fri, 18 Oct 1996 11:09:58 -0500 (CDT)  
Date: Fri, 18 Oct 1996 11:09:58 -0500 (CDT)  
Message-Id: <199610181609.LAA19831@uro.theporch.com>  
Errors-To: conard@tntech.campus.mci.net  
Reply-To: glowbugs@theporch.com  
Originator: glowbugs@theporch.com  
Sender: glowbugs@theporch.com  
Precedence: bulk  
From: glowbugs@theporch.com  
To: Multiple recipients of list <glowbugs@theporch.com>  
Subject: GLOWBUGS digest 324  
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas  
X-Comment: Please send list server requests to listproc@theporch.com  
Status: 0

#### GLOWBUGS Digest 324

Topics covered in this issue include:

- 1) Keying a Micamold  
by john <johnmb@mindspring.com>
- 2) Re: QRP xmtrs  
by "Joel R. Hallas 716-223-4153" <HALLAS.JR@a1.isc.rit.edu>
- 3) Re: QRP xmtrs  
by Todd Nichols <nichols@rtp.ericsson.se>
- 4) Re: QRP xmtrs -Reply  
by Bob Reynolds <breynold@sigg.com>
- 5) Re: QRP xmtrs  
by "Brian Carling" <bry@mail1.mnsinc.com>
- 6) Re: QRP xmtrs -Reply  
by "Brian Carling" <bry@mail1.mnsinc.com>
- 7) Re: QRP xmtrs  
by Jeffrey Herman <jherman@hawaii.edu>
- 8) Thanks for all the help with 6V6 xmtr schematics...  
by Gordon Gekko <gekko@nwlinc.com>
- 9) Re: QRP xmtrs -Reply  
by rdkeys@csemail.cropsci.ncsu.edu

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Date: Thu, 17 Oct 1996 16:34:45 -0400 (EDT)  
From: john <johnmb@mindspring.com>  
To: rdkeys@csemail.cropsci.ncsu.edu, boatanchors@theporch.com,  
Subject: Keying a Micamold  
Message-ID: <2.2.16.19961017163604.345744f0@pop.ral.mindspring.com>

I've resurrected a very nice Micamold XTR-1 transmitter, and have some questions. Since it (ahem) is not the most popular rig of all time, let me tell you that it is a 1950 vintage open chassis, xtal controlled, 3-band-switching CW rig with the following tube lineup:

6AG7 Oscillator

6L6 PA

83 rectifier

It's working nicely now, pumping out a strapping 18 watts or so, but in this classic lineup, the 6L6 is grid keyed, leaving the oscillator free running. Naturally, you can hear this in the receiver at all times.

What solutions to this are available? Keying the oscillator stage? Both stages? I'd not want to implement any irreversable changes, but would like to get this lil thing playing nicely for some BA-net fun on the colorburst freq this winter.

Thanks in advance,  
/John

PS: Always looking for oddball, off brand orphan rigs such as this one. Please write if you've got a Globe Girdler, or something similar needing pampering and use.

PSS: Need copies of Conar twins schematics/manuals. Will gladly reimburse all costs.

Thanks, friends!

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+-----+
|John Brewer          johnmb@mindspring.com          |
|WB50AU/4             AMI #24             Clayton, NC |
|Vintage Gear web page: http://www.mindspring.com/~johnmb/ |
+-----+
```

-----  
Date: Thu, 17 Oct 1996 16:48:32 -0400 (EDT)  
From: "Joel R. Hallas 716-223-4153" <HALLAS.JR@a1.isc.rit.edu>  
To: glowbugs <glowbugs@theporch.com>  
Subject: Re: QRP xmtrs  
Message-ID: <"C121ZWNM08S1W\*/R=VAXA/R=A1/U=HALLAS JR/"@MHS>

I used to get crystals from JAN, however their prices have gotten quite high over the years. I recently got a few FT-243 rocks for my Ranger from CW Crystals. Their address is in the back of any recent QST and they were much more reasonable.

I actually found their address in my files, they are at 570 N.

Buffalo St. Marshfield, MO 65706

The price for ham-band rocks is \$4.50 or 3.95 each for five or more. Postage is \$1 for one, \$.50 each for more.

The ones I got were real FT-243, were on the money on my counter and have been working fine on my am net and my cw sked.

The only downside is that they take a few weeks. JAN gets them out in days as I recall. CW crystals says "since 1933", and it may be the same guy for all I know, so order quickly!

They (he?) also does some other holders and non-ham freq. for example 100 KHz, \$3.95!

Good luck!

Joel Hallas, W1ZR/2

-----  
Date: Thu, 17 Oct 1996 17:07:05 -0400  
From: Todd Nichols <nichols@rtp.ericsson.se>  
To: glowbugs@theporch.com, HALLAS.JR@a1.isc.rit.edu  
Subject: Re: QRP xmtrs  
Message-ID: <199610172107.RAA17390@sunmgc1.rtp.ericsson.se>

>  
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> I actually found their address in my files, they are at 570 N.  
> Buffalo St. Marshfield, MO 65706

CW Crystals is NOT open for business any longer. The gentleman's wife recently passed away, and they were a team, so he closed down. Please don't send in any orders - the poor soul will probably be getting them for the next several years.

Todd

-----  
Todd Nichols KB0HQU                      Ericsson Inc.                      (919) 685-2597  
nichols@rtp.ericsson.se                      Research Triangle Park, NC  
"Ensign, set a new course. There's coffee in that nebula!" - Capt. Janeway

-----  
Date: Thu, 17 Oct 1996 16:29:46 -0500  
From: Bob Reynolds <breynd@sigg.com>  
To: nichols@rtp.ericsson.se, glowbugs@theporch.com  
Subject: Re: QRP xmtrs -Reply  
Message-ID: <96Oct17.162503cdt.19618@firewall.sigg.com>

JAN has had a decent price on out-of-hambant xtals ordered in groups of 5 or more. A friend and I ordered 10 at 6.975 MC, they were easy to regrind up to the old 40 meter novice band. Didn't lose a one !

-

>>> Todd Nichols <nichols@rtp.ericsson.se> 10/17/96 04:12pm

>>>

>

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> quite high over the years. I recently got a few FT-243 rocks for my

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-----  
Todd Nichols KB0HQU  
685-2597

Ericsson Inc.

(919)

nichols@rtp.ericsson.se  
NC

Research Triangle Park,

"Ensign, set a new course. There's coffee in that nebula!" - Capt. Janeway

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Date: Thu, 17 Oct 1996 16:46:31 +0000  
From: "Brian Carling" <bry@mail1.mnsinc.com>  
To: "Joel R. Hallas 716-223-4153" <HALLAS.JR@a1.isc.rit.edu>,  
Subject: Re: QRP xmtrs  
Message-ID: <199610172344.TAA10419@user2.mnsinc.com>

HEY! It's a reply from AF4K!

Actually no, Joel, you CAN'T do that!

The proprietor of CW Crystals in Marshfield, MO just passed away a few weeks ago, and unfortunately we have not yet received any word on whether someone else will take on the business and continue with it!

Hopefully some "bright sparks" will get the fire in his belly to carry on that WONDERFUL business/service to the amateur Glowbug world!

Bry, AF4K

On 17 Oct 96, Joel R. Hallas 716-223-4153 wrote:

> I used to get crystals from JAN, however their prices have  
> gotten quite high over the years. I recently got a few  
> FT-243 rocks for my Ranger from CW Crystals. Their address  
> is in the back of any recent QST and they were much more  
> reasonable.

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> five or more. Postage is \$1 for one, \$.50 each for more.

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> quickly!

> They (he?) also does some other holders and non-ham freq.  
> for example 100 KHz, \$3.95!

> Good luck!

>

> Joel Hallas, W1ZR/2  
>  
>  
Brian Carling in Gaithersburg, Maryland, USA  
bry@mnsinc.com  
<http://www.mnsinc.com/bry/>

-----  
Date: Thu, 17 Oct 1996 16:50:39 +0000  
From: "Brian Carling" <bry@mail1.mnsinc.com>  
To: breynold@sigg.com, glowbugs@theporch.com  
Subject: Re: QRP xmtrs -Reply  
Message-ID: <199610172348.TAA10634@user2.mnsinc.com>

HEY! It's a reply from AF4K!

Bob - what did you use for the grinding process?

Grinding paste? Tooth paste or what?

I would like to give that a try after I find out how much the  
rock-holder wants for his treats!

On 17 Oct 96, Bob Reynolds wrote:

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> groups of 5 or more. A friend and I ordered 10 at 6.975 MC, they  
> were easy to regrind up to the old 40 meter novice band. Didn't  
> lose a one ! - >>> Todd Nichols <nichols@rtp.ericsson.se> 10/17/96  
> 04:12pm >>> > I used to get crystals from JAN, however  
> their prices have gotten > quite high over the years. I  
> recently got a few FT-243 rocks for my > Ranger from CW  
> Crystals. Their address is in the back of any recent > QST  
> and they were much more reasonable.

Maybe Todd and I and others can all try this technique to get  
the 7 Mc. rocks we need so much!

Brian Carling in Gaithersburg, Maryland, USA  
bry@mnsinc.com  
<http://www.mnsinc.com/bry/>

-----  
Date: Thu, 17 Oct 1996 14:14:25 -1000  
From: Jeffrey Herman <jherman@hawaii.edu>  
To: "Joel R. Hallas 716-223-4153" <HALLAS.JR@a1.isc.rit.edu>  
Subject: Re: QRP xmtrs

Message-ID: <Pine.GS0.3.93.961017140852.93C-100000@uhunix3>

I'm sorry to report that CW Xtals is no longer in business. The OM's wife/helper/book-keeper passed away; without his longtime partner of 35 years he says he can't go on with the business.

Jeff KH2PZ

P.S. But another new business has taken over - saw the ad somewhere. Maybe someone can provide more info.

P.P.S Joel, you mentioned an AM sked; did you get the info about an AM email list reflected via ucsd.edu?

On Thu, 17 Oct 1996, Joel R. Hallas 716-223-4153 wrote:

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> example 100 KHz, \$3.95!

>

> Good luck!

>

> Joel Hallas, W1ZR/2

>

>

-----  
Date: Thu, 17 Oct 1996 17:38:31 -0700 (PDT)

From: Gordon Gekko <gekko@nwlink.com>

To: glowbugs@theporch.com

Subject: Thanks for all the help with 6V6 xmtr schematics...

Message-ID: <199610180038.RAA23360@montana.nwlink.com>

Thanks to all who have so generously helped out in my quest for the perfect 6V6 (or 6L6) transmitter. Kind folks came out of the woodwork with email, snail-mail, and scanned schematics. I haven't had so much fun with tubes since I was a kid with a novice ticket! Some of these old schematics are exactly what I had in mind.

I'll try to get one on the air in the next couple of weeks and I'll report back my results. In the meantime, my DX60 is still churning

out a 'novice gallon' (remember that term?).

I hope I have replied correctly here. The listserv system is a little foreign to me yet.

73's

Dave Ellison WB7AWK  
gekko@nwlinc.com

Tacoma, WA

-----  
Date: Fri, 18 Oct 1996 10:37:19 -0400 (EDT)  
From: rdkeys@csemail.cropsci.ncsu.edu  
To: bry@mail1.mnsinc.com  
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com  
Subject: Re: QRP xmtrs -Reply  
Message-ID: <9610181437.AA106829@csemail.cropsci.ncsu.edu>

>  
> HEY! It's a reply from AF4K!  
>  
> Bob - what did you use for the grinding process?  
>  
> Grinding paste? Tooth paste or what?

Other bob here.....

I used water and comet cleanser for years but lately have moved to water and 1500 grit auto body paper (the finest stuff made). It works good, and is less a problem with scratches compared to comet cleanser.

There was a big posting on xtal grinding about a year back, maybe someone has that still and can repost.

Bob/NA4G

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End of GLOWBUGS Digest 324  
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